

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0



Title of Invention

Scoring of Sensed Neurological Signals for use With a Medical Device System

Application Number: 10/687389



Confirmation Number: 2112

First Named Applicant: Ivan Osorio

Attorney Docket Number: 011738.00139

Art Unit: 3736

Examiner: Unassigned Unassigned

Search string: (5545186 or 5855593).pn.

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
MA	1	5545186	1996-08-13	Olson			
MA	2	5855593	1999-01-05	Olson			

Signature

Examiner Name	Date
	8/2005



JUN 10 2004

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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of

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<i>Complete if Known</i>	
<i>Application Number</i>	10/687,389
<i>Filing Date</i>	October 15, 2003
<i>First Named Inventor</i>	Ivan Osorio
<i>Art Unit</i>	3736
<i>Examiner Name</i>	Not assigned
<i>Attorney Docket Number</i>	011738.00139

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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		<i>Filing Date</i>	October 15, 2003
		<i>First Named Inventor</i>	Ivan Osorio
		<i>Art Unit</i>	3736
		<i>Examiner Name</i>	Not assigned
<i>(Use as many sheets as necessary)</i>		<i>Attorney Docket Number</i>	
Sheet	2	of	2
		011738.00139	

NON-PATENT LITERATURE DOCUMENTS

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Appendix 3 unique clause designation number (optional). Appendix 3 place a check mark here if English language translation is attached.
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

4

Complete if Known

Application Number	10/687,389
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First Named Inventor	Ivan Osorio
Art Unit	3736
Examiner Name	TBD

Attorney Docket Number 011738.00139

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Issue/Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 3522811	08/04/1970	Schwartz et al.	
		US- 3850161	11/26/1974	Saul Liss	
		US- 3863625	02/04/1975	Viglione et al.	
		US- 3967618	07/06/1976	Sidney A. Ross	
		US- 3993046	11/23/1976	Fernandez et al.	
		US- 4019518	04/26/1977	Maurer et al.	
		US- 4038538	07/26/1977	Paul L. Feintuch	
		US- 4295474	10/20/1981	Robert E. Fischell	
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		US- 4417592	11/29/1983	John E. Roy	
		US- 4566484	01/28/1986	Piconne et al.	
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		US- 4610259	09/09/1986	Cohen et al.	
		US- 4702254	10/27/1987	Jacob Zabara	
		US- 4944299	07/31/1990	Sergiu Sulvian	
		US- 5311869	05/19/1992	Nappholz et al.	
		US- 5269303	12/14/1993	Wemicke et al.	
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		US- 5311876	05/17/1994	Olsen et al.	
		US- 5335657	08/09/1994	Terry Jr. et al.	
		US- 6473639	10/24/2002	Fischell et al.	
		US- 6480743	11/12/2002	Kirkpatrick et al.	
		US- 6560486	05/06/2003	Osorio et al.	
		US- 6591138	07/08/2003	Fischell et al.	
		US- 6597954	07/22/03	Pless et al.	
		US- 6847296	11/11/2003	Fischell et al.	
		US- 2002/0013614	01/31/2002	David L. Thompson	

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		<i>Art Unit</i>	3736
		<i>Examiner Name</i>	TBD
Sheet	3	of	4
		<i>Attorney Docket Number</i>	011738.00139

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
/MA		Alan V. Oppenheim & Ronald W. Schafer, Digital Signal Processing, Prentice-Hall, Inc., Englewood Cliffs, New Jersey, pg. 18-24, 1975.		
		Gotman J., & Gloor, P., "Automatic Recognition and Quantification of Interictal Epileptic Activity in the Human Scalp EEG", Electroencephalography and Clinical Neurophysiology, 41:513-529, 1976.		
		B. Litt and J. Echauz, "Prediction of Epileptic Seizures", 1 The Lancet Neurology 22 May 2002.		
		H. Qu & J. Gotman, "A Seizure Warning System For Long-term Epilepsy Monitoring", 45 Neurology 2250, 1995.		
		J. Gotman, "Automatic Recognition of Epileptic Seizures in the EEG", 54 Electroencephalography and Clinical Neurophysiology at 530-540, 1982.		
		Lapkin et al., "The Electroencephalogram in Childhood Basilar Artery Migraine", 27 Neurology 580-583, June 1977.		
		Murro et al., "Computerized Seizure Detection of Complex Partial Seizures", 79 Electroencephalography and Clinical Neurophysiology 330-333, 1991.		
		P. Rajna and C. Lona, "Sensory Stimulation for Inhibition of Epileptic Seizures", 30(2) Epilepsia 168-174, 1989.		
		R.P. Lesser et al., "Brief Bursts of Pulse Stimulation Terminate Afterdischarges Caused by Cortical Stimulation", Neurology 53, December 1999.		
		Webber, W.R.S. et al., "Automatic EEG Spike Detection: What Should the Computer Imitate", 87 Electroencephalography and Clinical Neurophysiology 330-333, 1993.		
↓		Grassberger, Peter et al., "Characterization of Strange Attractors" Vol. 50, No.5., The American Physical Society , January 31, 1983.		

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		<i>First Named Inventor</i>	Ivan Osorio
		<i>Art Unit</i>	3736
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		<i>Attorney Docket Number</i>	011738.00139

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		Number - Kind Code ² (if known)		Pages, Columna, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5487754	01/30/1996	Snell et al.
		US- 5626145	05/06/1997	Clapp et al.
		US- 5683422	11/04/1997	Mark T. Rise
		US- 5713922	02/03/1998	Gary William King
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		US- 5716377	02/10/1998	Rise et al.
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		US- 5792186	08/11/1998	Mark T. Rise
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		US- 6016449	01/18/2000	Fischell et al.
		US- 6018682	01/25/2000	Mark T. Rise
		US- 6066163	05/23/2000	Michael Sasha John
		US- 6083248	07/04/2000	David L. Thompson
		US- 6094598	7/25/2000	Elsberry et al.
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		US- 6128537	10/03/2000	Mark T. Rise
		US- 6128538	10/03/2000	Fischell et al.
		US- 6134474	10/17/2000	Fischell et al.
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		US- 6356784	03/12/2002	Lozano et al.
		US- 6360122	03/19/2002	Fischell et al.
		US- 6366813	04/02/2002	Daniel J. Di Lorenzo
		US- 6374140	04/16/2002	Mark T. Rise
		US- 6427086	07/30/2002	Fischell et al.
		US- 6459936	10/01/2002	Fischell et al.
		US- 6466822	10/15/2002	Benjamin D. Pless
		US- 6473639	10/24/2002	Fischell et al.

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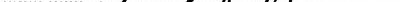
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Sheet	4	of	4	
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